CATALOGUE OF MATERIALS & BOOKS FOR THE MANUAL ARTS

MILTON BRADLEY COMPANY

MILTON BRAD. E . O.
SCHOOL SUPPLIE
1209 ARCH ST. - PHILADE A. PA.

Materials and Books

for

Manual Arts

Fifty-fourth Year

1914

MILTON BRADLEY COMPANY

SPRINGFIELD, MASSACHUSETTS

BOSTON NEW YORK PHILADELPHIA ATLANTA SAN FRANCISCO

CHICAGO — Thomas Charles Co.
KANSAS CITY — Hoover Bros.
TORONTO — Geo. M. Hendry Co.
LIVERPOOL — Philip, Son & Nephew

THE PARCEL POST

The adoption of a parcel post system facilitates the economical delivery of merchandise to many points where transportation rates have heretofore prohibited the sending of small shipments. We will ship small orders of merchandise in this way unless otherwise advised.

The Zones

The parcel post charges are based on a zone system, with zone limits and postage rates, as follows:—

First	Zone within	50		miles of office of mailing
Second	Zone within	50 to	150	miles of office of mailing
Third	Zone within	150 to	300	miles of office of mailing
Fourth	Zone within	300 to	600	miles of office of mailing
Fifth	Zone within	600 to	1000	miles of office of mailing
Sixth	Zone within	1000 to	1400	miles of office of mailing
Seventh	Zone within	1400 to	1800	miles of office of mailing
Eighth	Zone all over	1800		miles of office of mailing

Rates of Postage

Parcels weighing four ounces or less are mailable at the rate of one cent for each ounce or fraction of an ounce, regardless of distance. Parcels weighing more than four ounces are mailable at the pound rate, as shown by the accompanying table, and when mailed at this rate any fraction of a pound is considered a full pound.

Weight	Local	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth
1 Pound....	$0.05	$0.05	$0.05	$0.06	$0.07	$0.08	$0.09	$0.11	$0.12
2 Pounds...	.06	.06	.06	.08	.11	.14	.17	.21	.24
3 Pounds...	.06	.07	.07	.10	.15	.20	.25	.31	.36
4 Pounds...	.07	.08	.08	.12	.19	.26	.33	.41	.48
5 Pounds...	.07	.09	.09	.14	.23	.32	.41	.51	.60
6 Pounds...	.08	.10	.10	.16	.27	.38	.49	.61	.72
7 Pounds...	.08	.11	.11	.18	.31	.44	.57	.71	.84
8 Pounds...	.09	.12	.12	.20	.35	.50	.65	.81	.96
9 Pounds...	.09	.13	.13	.22	.39	.56	.73	.91	1.08
10 Pounds...	.10	.14	.14	.24	.43	.62	.81	1.01	1.20
11 Pounds...	.10	.15	.15	.26	.47	.68	.89	1.11	1.32
12 Pounds...	.11	.16	.16	.28	.51	.74	.97	1.21	1.44
13 Pounds...	.11	.17	.17	.30	.55	.80	1.05	1.31	1.56
14 Pounds...	.12	.18	.18	.32	.59	.86	1.13	1.41	1.68
15 Pounds...	.12	.19	.19	.34	.63	.92	1.21	1.51	1.80
16 Pounds...	.13	.20	.20	.36	.67	.98	1.29	1.61	1.92
17 Pounds...	.13	.21	.21	.38	.71	1.04	1.37	1.71	2.04
18 Pounds...	.14	.22	.22	.40	.75	1.10	1.45	1.81	2.16
19 Pounds...	.14	.23	.23	.42	.79	1.16	1.53	1.91	2.28
20 Pounds...	.15	.24	.24	.44	.83	1.22	1.61	2.01	2.40
21 Pounds...	.15	.25	.25						
22 Pounds...	.16	.26	.26						
23 Pounds...	.16	.27	.27						
24 Pounds...	.17	.28	.28						
25 Pounds...	.17	.29	.29						
26 Pounds...	.18	.30	.30						
27 Pounds...	.18	.31	.31						
28 Pounds...	.19	.32	.32						
29 Pounds...	.19	.33	.33						
30 Pounds...	.20	.34	.34						
31 Pounds...	.20	.35	.35						
32 Pounds...	.21	.36	.36						
33 Pounds...	.21	.37	.37						
34 Pounds...	.22	.38	.38						
35 Pounds...	.22	.39	.39						
36 Pounds...	.23	.40	.40						
37 Pounds...	.23	.41	.41						
38 Pounds...	.24	.42	.42						
39 Pounds...	.24	.43	.43						
40 Pounds...	.25	.44	.44						
41 Pounds...	.25	.45	.45						
42 Pounds...	.26	.46	.46						
43 Pounds...	.26	.47	.47						
44 Pounds...	.27	.48	.48						
45 Pounds...	.27	.49	.49						
46 Pounds...	.28	.50	.50						
47 Pounds...	.28	.51	.51						
48 Pounds...	.29	.52	.52						
49 Pounds...	.29	.53	.53						
50 Pounds...	.30	.54	.54						

Printed matter above eight ounces at parcel-post rates.

Printed matter, eight ounces and under, at two ounces for one cent.

Milton Bradley Company

ANNOUNCEMENT

The Water Colors described in this catalogue are manufactured in our own laboratories, from the best ingredients obtainable, by specially designed machinery and by experienced workmen under skilled supervision.

The styles and assortments are arranged to meet as fully as possible the great variety of demands that are the outcome of individual experience. Our stock is composed of about forty colors in moist and semi-moist forms in tubes and pans and a limited number of colors in dry cakes. We are prepared to make any special assortment in the boxes you may select, providing the boxes containing the regular assortments, listed herein, do not meet your requirements.

If you need supplies not listed in this catalogue, communicate with the nearest branch office or agency, and all inquiries will receive prompt and cheerful attention.

Special discounts allowed to schools.

MILTON BRADLEY COMPANY.

SPRINGFIELD, MASS.

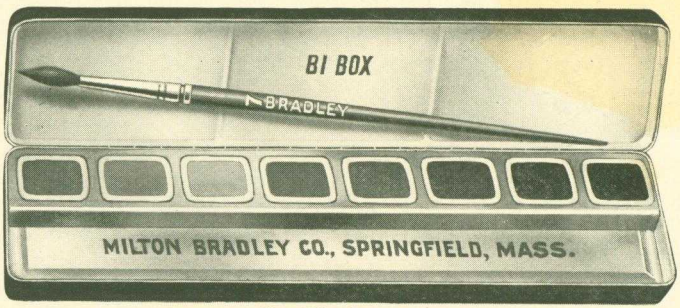
Bradley's Standard Water Colors

Bradley's Graded Color Box for Design

Bradley's Graded Color Box for Design contains a carefully adjusted and perfectly related scale of the six standard colors reduced in value to a sufficient degree below the standard scale to give a pronounced neutral effect while still retaining the exact tone quality of each color.

To make this box a complete outfit we have added to the above, one pan each Chinese White, Charcoal Gray and the three full tone spectrum standards, Red, Yellow, Blue and Sepia, together with a No. 4 and No. 7 brush.

Price per box . $0.50 Mailing weight 15 oz.



Box No. B 1

The above is one of our most popular boxes, containing eight pans of semi-moist colors: Alizarine Crimson, Orange, Gamboge, Blue, Hooker's Green No. 1, Violet No. 2, Sepia and Charcoal Gray, or may be assorted special to order.

The No. 7 brush furnished with this box is a superior grade of camel's hair, ferruled to a wooden handle.

Price per box . $0.30 Mailing weight 6 oz.

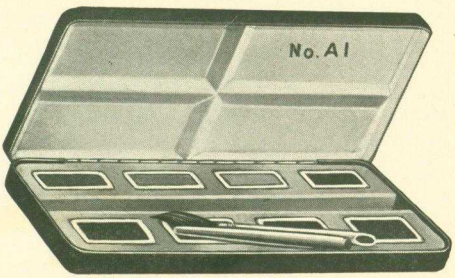
Box No. A 12

The Bradley Water Color Box No. A 12, containing five pans of semi-moist color, Alizarine Crimson, Gamboge, Blue, Hooker's Green No. 1, Charcoal Gray, is very extensively used by teachers who prefer a limited palette.

One of our high grade No. 7 brushes is furnished with this set.

The box may be assorted to order.

Price per box . $0.30 Mailing weight 6 oz.



Box No. A 1

An assortment of exceptional value for the price. Eight pans of semi-moist colors, one each Alizarine Crimson, Orange, Gamboge, Blue, Hooker's Green No. 1, Violet No. 2, Sepia and Charcoal Gray. The above may be assorted to order.

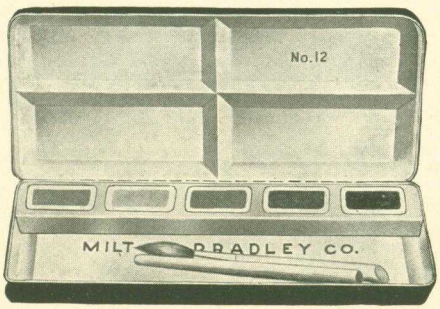
One good quill brush with detachable wood handle is furnished with this box.

Price per box . $0.25 Mailing weight 5 oz.

This box contains one pan each: Alizarine Crimson, Gamboge, Hooker's Green No. 1, Blue and Charcoal Gray, one quill brush with detachable wood handle.

This box may be assorted to order.

Price per box . $0.25
Mailing weight 5 oz.



Box No. 12

Box No. A 13

An ideal three color palette outfit. Assortment, four semi-moist pans: one each, Carmine, Blue, and two pans of Gamboge. A long-handled No. 7 brush furnished with this box.

Price per box . $0.25 Mailing weight 5 oz.

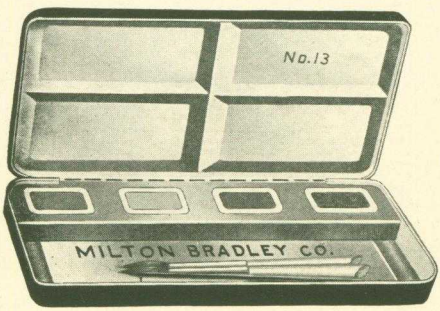
Box No. A 8

A long box containing four dry cakes: one each, Carmine, Blue, and two Gamboge, with one of our long-handled No. 7 brushes.

Price per box . $0.25 Mailing weight 4 oz.

Box No. A 9 Same box as shown above except a cake of charcoal gray substituted for one of the Gamboge.

Price per box . $0.25 Mailing weight 5 oz.

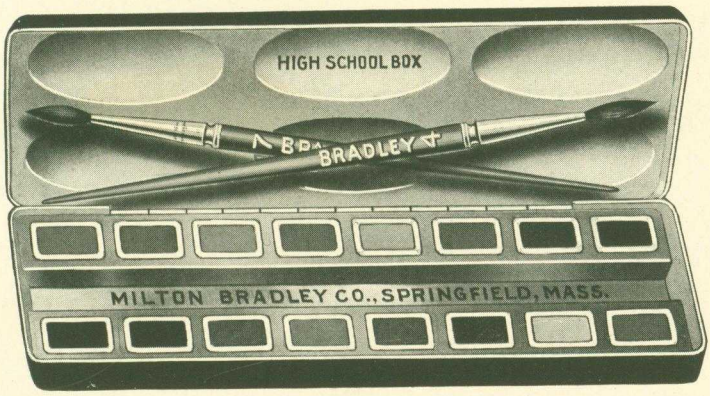


Box No. 13

The assortment of colors in this box is composed of four pans of semi-moist colors: one each, Carmine, Blue, and two pans of Gamboge.

Two quill brushes with detachable wood handles are furnished with each set.

Price per box . $0.20
Mailing weight . 4 oz.



High School and Studio Box

Bradley's High School and Studio Box needs no introduction. The sixteen pans of semi-moist colors are manufactured with painstaking care, particularly for advanced classes. The selection of colors has been made after consultation with some of the most prominent supervisors in the country, which insures the correctness of the assortment. This palette consists of one pan each:

Light Red	Charcoal Gray	Hooker's Green No. 1
Vermilion	Chinese White	Prussian Blue
Orange	Alizarine Crimson	Warm Sepia
Gamboge	Ultramarine Blue	Payne's Gray
Violet No. 2	Lemon Yellow	Hooker's Green No. 2
Burnt Sienna		

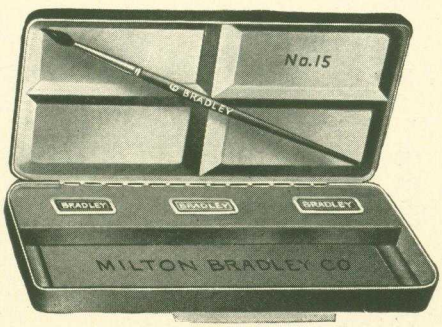
Two fine camel's hair brushes, No. 4 and No. 7, are furnished with this box. Assorted to order if desired.

Price per box	$0.75
Mailing weight	15 oz.

Box No. 15

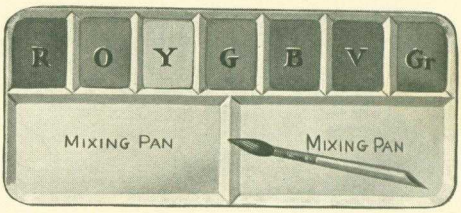
A new and excellent three color palette at a low price. The assortment includes one cake each, Red, Yellow and Blue with No. 6 short-handled brush.

Price per box	$0.15
Mailing weight	4 oz.



Box No. 15

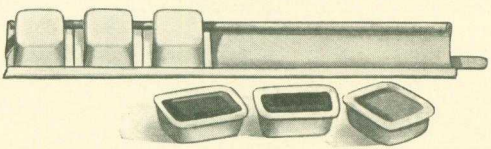
The Little Artist Complete Color Outfit



This outfit consists of an enamel mixing palette with its seven compartments filled with semi-moist colors (which may be replenished with color from tubes), consisting of Red, Orange, Yellow, Green, Blue, Violet, and Charcoal Gray, and good quill brush with detachable wood handle.

Price per box . $0.15 Mailing weight 3 oz.

Pans or Re-Fills for Boxes



Above we show a cut of our new seamless pans, with round corners so that all color may be removed, made of nickeled tin, enameled so that the color does not come in contact with the metal. The following colors are supplied in pans:

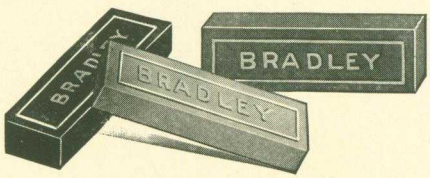
Carmine	Vandyke Brown	Hooker's Green No. 2
Vermilion	Raw Sienna	Standard Green
Rose Carthame	Burnt Umber	New Blue
Warm Gray	Alizarine Crimson	Standard Blue
Gamboge	Lamp Black	Violet No. 2
Cool Gray	Chinese Yellow	Warm Sepia
Crimson Lake	Standard Orange	Burnt Sienna
Raw Umber	Standard Red	Hooker's Green No. 1
New Green	Rose Madder	Payne's Gray
Ivory Black	Ultramarine Blue	Yellow Ochre
Prussian Blue	Lemon Yellow	Charcoal Gray
Standard Violet	Standard Yellow	Sepia
Light Red	Chinese White	

When ordering boxes containing special assortment of color, make your selection from above list.

Price per dozen . $0.35 Mailing weight 8 oz.

The cakes for refilling Box No. A 8 are made in the following colors: Carmine, Gamboge, Ultramarine Blue and Charcoal Gray.

Price per dozen $0.35
Mailing weight 2 oz.

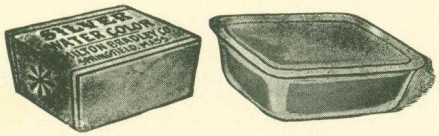


No. A8 Cakes

Gold and Silver Water Colors

Gold and Silver Water Color in china pan, each 10c.

Gold and Silver Water Color in tin pan, each 10c.



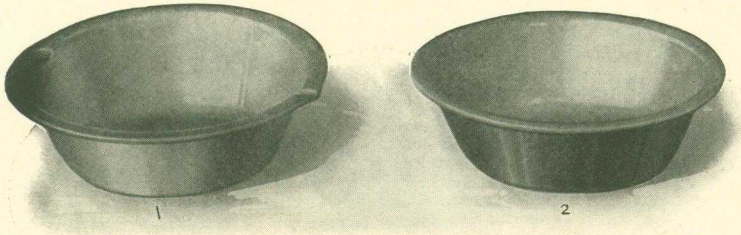
China Pan Tin Pan

The Bradley Tubes of color are made of exceptionally good quality of material and guaranteed not to harden. We offer the following extensive list of colors in tubes:

Carmine	Raw Sienna	Hooker's Green No. 1
Standard Red	Payne's Gray	New Green
Rose Madder	Ivory Black	Ultramarine Blue
Light Red	Charcoal Gray	Prussian Blue
Yellow Orchre	Cool Gray	Standard Violet
Lemon Yellow	Burnt Umber	Sepia
Standard Yellow	Warm Sepia	Burnt Sienna
Crimson Lake	Raw Umber	Hooker's Green No. 2
Standard Green	Vermilion	Warm Gray
New Blue	Rose Carthame	Lamp Black
Standard Blue	Alizarine Crimson	Chinese Yellow
Violet No. 2	Gamboge	Chinese White
Vandyke Brown	Standard Orange	

Price, per tube $0.10

Water Cups

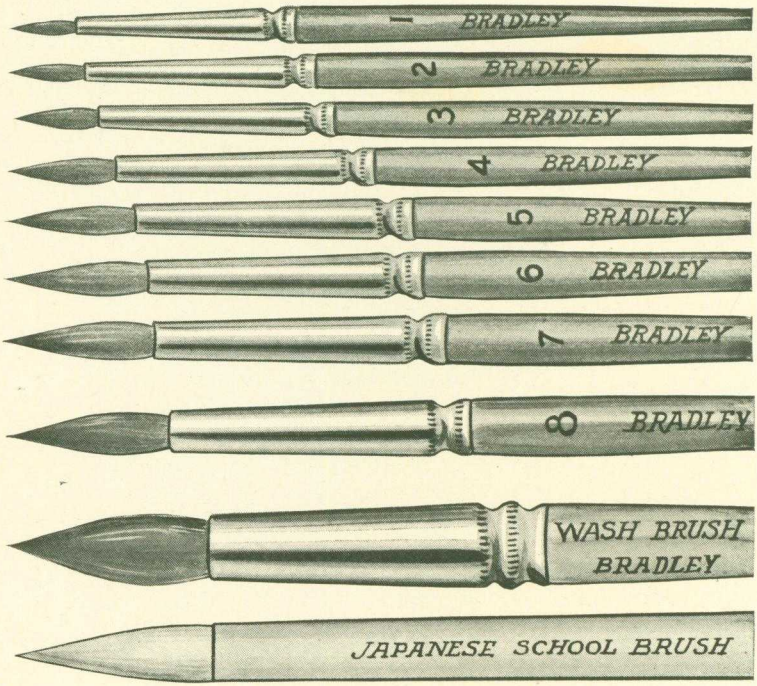


No. 1 No. 2

No. 1. Lacqured cup with "lip" or rest for brush.
Per dozen . $0.40 Mailing weight 13 oz.

No. 2. Plain cup, enameled.
Per dozen . $0.40 Mailing weight 13 oz.

Water Color Brushes



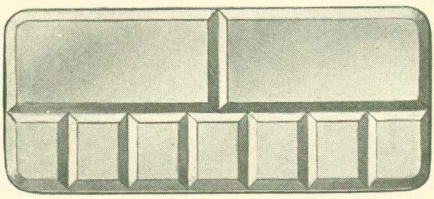
The above is an illustration of our selected camel's hair brush in different sizes. After several years' experience in the importation of brushes, we are pleased to state that the grade we are using is the most satisfactory, being made of superior quality of camel's hair and ferruled to a polished wooden handle, which is a great improvement over the old method of fastening handles by perforations.

Size No. 1, per dozen		$0.30	Postage	$0.02
" 2 " "		.35	"	.02
" 3 " "		.40	"	.02
" 4 " "		.50	"	.02
" 5 " "		.55	"	.02
" 6 " "		.60	"	.03
" 7 " "		.75	"	.03
" 8 " "		.85	"	.03
Quill Brushes No. 6 B,	per dozen,	.40	"	.01
Large Wash Brush,	each,	.10	"	.02
Japanese School Brushes,	per dozen,	.60	Mailing wght	5 oz.

Mixing Palette

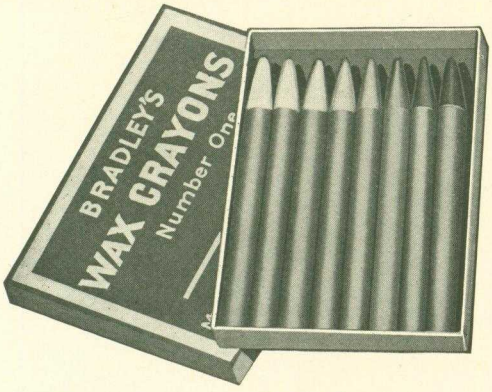
Enameled Mixing Palette, seven deep compartments.

Per dozen . $0.60
Mailing weight 20 oz.



Mixing Palette

Bradley's Standard Wax Crayons No. 1

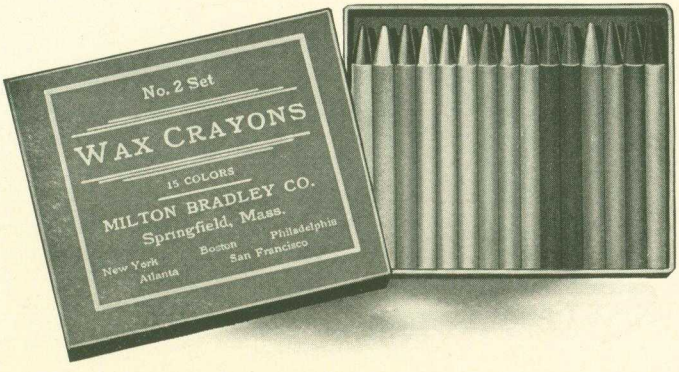


Set No. 1

8096 These crayons are made of the best grade of paraffine, the colors are rich and mark easily. Packed in flat, substantial boxes.

Set No. 1, containing eight crayons, per dozen boxes . $0.75
Mailing weight 1 lb. 6 oz.

Bradley's Standard Wax Crayons No. 2



8097 Set No. 2, containing fifteen crayons, per dozen boxes . $1.20
Mailing weight . . . . . 2 lbs. 3 oz.

The Manual Arts Crayon No. 1

8098 The Manual Arts No. 1 has been devised to supply the demand for a crayon that will reproduce the more subtle gradations of color, and it will be found unsurpassed for softened intensities of color in object drawing and design. By mixing white chalk an unlimited number of tints are readily obtained, while charcoal, with which this crayon also mixes easily, produces any desired shade.

The box contains eight crayons, one each Red, Orange, Yellow, Green, Blue, Violet, Brown Black, and put up in slide box.

Price, per box . $0.10 Mailing weight 4 oz.

The Manual Arts Crayon No. 2

8099 This crayon is of a solid pigment composition of superior quality. For general school work it is unexcelled. Eight crayons, one each Red, Orange, Yellow, Green, Blue, Violet, Brown and Gray in slide box.

Price, per box . $0.12 Mailing weight 4 oz.

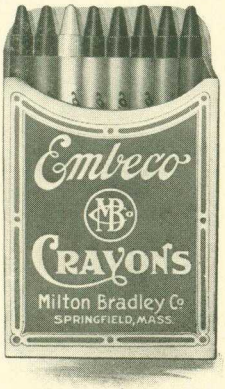
Springfield Solid Crayons

8101 This is a superior pigment crayon not made of wax, does not break easily, or rub, therefore the colors will blend readily.

Eight colors and a nickel holder packed in a convenient and attractive box. Red, Orange, Yellow, Green, Blue, Violet, Brown, and Charcoal Gray.

Price per box $0.15
Mailing weight 4 oz.

Embeco Crayons No. 1



8100 An assortment of high grade wax crayons to sell at a popular price. The assortment includes eight crayons, one each, Red, Orange, Yellow, Green, Blue, Violet, Brown and Black. Put up in attractive tuck box.

Price per box . . . $0.05
Mailing weight . . . 3 oz.

Embeco Crayons No. 2

8197 A new slip box containing same assortment as above, one crayon each Red, Orange, Yellow, Green, Blue, Violet, Brown and Black.

Price per doz. . . $1.00
Mailing weight 1 lb. 12 oz.

Artist Colored Chalk Crayons

No. 1 Box containing 12 crayons, 2 each R. O. Y. G. B. V.
Per box $0.15
Mailing weight . . . . . 5 oz.

No. 2 Box containing 144 crayons, 24 each R. O. Y. G. B. V.
Per box $1.00
Mailing weight . . . . 2 lbs. 3 oz.

No. 3 Box containing one each R. O. Y. G. B. V. with various tints and shades,
Per box $0.25
Mailing weight . . . . . 10 oz.

No. 4 Box containing 144 crayons, same as No. 3 Box,
Per box $1.00
Mailing weight . . . . 2 lbs. 3 oz.

No. 5 Box containing 144 crayons white,
Per box $0.15
Mailing weight . . . . 2 lbs. 3 oz.

Bradley's Primary Colored Pencils

Six Standard Colors in box
4½ inches long.

Per box . . $0.10 Postage . . $0.02

High Grade Colored Pencils

The following colored pencils are seven inches long and made of the best material:

Red	Yellow	Blue	Brown
Orange	Green	Violet	Black

Price per dozen . $0.60 Mailing weight . 5 oz.

Bradley's Drawing Pencils

A high grade drawing pencil made in three grades, soft, hard and medium. We will send, postpaid, a sample of each grade for 6 cents in stamps. Price per gross . $2.50

Bradley's Mechanical Drawing 4-H Pencil, a high grade pencil with extra hard lead for mechanical drawing.

Price per gross . $2.50

Bradley's Sketching Pencil

This pencil is designed for sketching. The lead is large and soft and made of superior quality of graphite neatly finished in yellow polish.

Price per dozen . $0.35
Price per gross . 3.60

Atomizers, Fixative, Etc.

Atomizers, Folding, Japanned	each $0.10	Postage $0.02
Best French Fixative, 3 oz. bottles	" .15	
" " " Pint "	" .65	
" " " Quart "	" 1.10	

Higgins' Waterproof Ink

Common size bottles, any color, net . . $0.25

Charcoal Paper

Ordinary White, Size	19 x 24	per quire .	$0.60
" Gray "	19 x 24	" .	.65
Lalanne White "	19 x 24	" .	.75

Drawing Pens

Steel Ruling Pens, each $0.25.
Steel Map or Sketching for pen and ink, each $0.10.
Other pens can be furnished on application.

French Charcoal

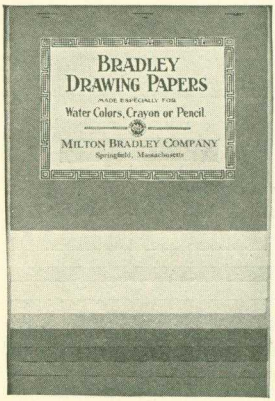
Ordinary, fifty sticks in box	per box $0.15	Postage $0.03
Conte Venetian, twenty-five sticks in box	" " .50	" .03

Tracing Paper

Onion Skin Tracing Paper, best grade	8½ x 11, per ream,	$0.60
" " " " " "	17 x 22, "	2.40
Japanese " " " "	11½ x 15, "	4.00

Whatman's Water Color Paper

Hot or cold pressed, Imperial size, 22 x 30, per quire . . $2.25



Bradley's School Drawing Papers

"A paper for every purpose"

We carry in stock all sizes of a carefully prepared line of school water color and drawing papers in manilla, white, buff and gray; selected with a view of supplying every demand of modern art education.

These papers are unsurpassed by any on the market in texture, surface, quality or price.

Thirteen grades, as follows:

Postage or Express Extra on all drawing papers.

	6 x 9	9 x 12	12 x 18
No. 20 Manilla,	$0.20	$0 40	$0.80
Bradley's White No. 1	.35	.70	1.40
Bradley's White No. 2	.60	1.20	2.40
Bradley's White No. 3	.40	.80	1.60
Springfield White	.50	1.00	2.00
Bradley's American White	.60	1.20	2.40
Bradley's Cream	.50	1.00	2.00
No. 20 Gray	.25	.50	1.00
Bradley's Gray	.40	.80	1.60
Springfield Gray	.50	1.00	2.00
Bradley's Cloud Gray	.50	1.00	2.00
	6 x 9	9 x 12	12 x 18
Bradley's Technical Drawing, Buff	$2.00	$4.00	$8.00
	8½ x 11	11 x 17	17 x 22
Bradley's Mechanical, for Pen Work,	$1.75	$3.25	$6.00
Bogus Paper, size 9 x 12, 250 sheets to package, per package			$0.30

Send for complete sample book of drawing papers.

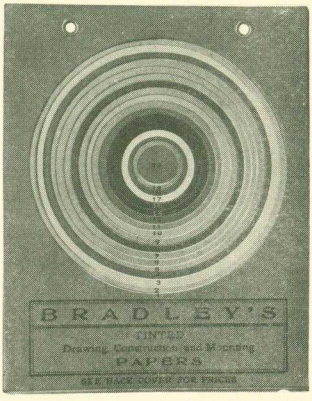
Bradley's School Water Color Pads

Made of our famous Springfield White Paper, having an excellent water-color finish.

8111 No. 1 Pad, containing 50 sheets 6 x 9, each, $0.10
Mailing wght 10 oz.

8112 No. 2 " " 25 " 9 x 12, " .10
Mailing wght 10 oz.

Bradley's "Bull's-Eye" Papers



A new line of beautiful tinted papers for drawing, construction, and mounting. Made in 20 colors. Send for unique sample book.

Size, 6 x 9, one color in package,
Price, $0.15; mailing weight 1 lb. 4 oz.
Size, 9 x 12, one color in package,
Price, $0.30; mailing weight 2 lbs. 4 oz.
Size, 12 x 18, one color in package,
Price, $0.60; mailing weight 4 lbs. 8 oz.
Wrapped 100 sheets of one color in package.
Single sheets, 24 x 36,
Each, $0.02; mailing weight 6 oz.

Heavy Melton Mounts

10 Ply, for the Display of Drawings

Brown, Green, Gray, etc.

Size, 22 x 28, per sheet $0.10

Light weight, above colors, 5 ply.

Size, 22 x 28, per sheet 05

Send for samples.

Bogus Paper

Rough finish for drawing. Size, 9 x 12 (250 sheets) $0.30

Cross Section or Designing Paper

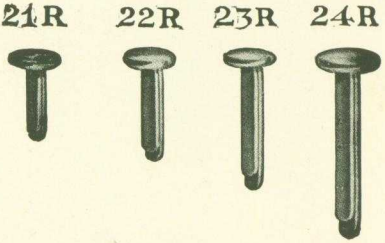
No. 1, Size 8 x 10½, White Ledger, ruled $\frac{1}{10}$ in. square, per quire, $0.25
No. 2, " 8 x 10½, " " " 10 x 10 to inch, per quire, .25
No. 3, " 9 x 12, Manilla, ruled ¼ in. squares, per ream, 1.00
No. 4, " 9 x 12, " " ½ in. " " " 1.00
No. 5, " 9 x 12, Gray, " ¼ in. " " " 1.00
No. 6, " 9 x 12, " " ½ in. " " " 1.00

Manilla Envelopes

The following are made of heavy stock, used to preserve drawings.

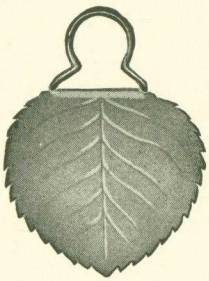
Thumb Cut, 10 x 13 . . $1.25 per 100
Open Side, 10 x 13 . . .75 per 100

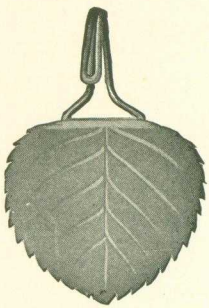
Brass Fasteners



No. 21R,	Round Head,	¼ in., 100 in a box,	each $0.13	Postage,	$0.02
No. 22R,	" "	½ in., 100 "	" .15	"	.02
No. 23R,	" "	¾ in., 100 "	" .20	"	.02
No. 24R,	" "	1 in., 100 "	" .25	"	.02
No. 37,	Hooks to suspend drawings, per gross,		.75	"	.03
No. 12,	" "	" 3 doz. in box,	per box, $0.50	P'ge	.02
No. 18,	" "	" . . .	" .60	P'ge	.02

Cloth Suspension Rings and Hooks





Price per 100 . . . . . $0.25

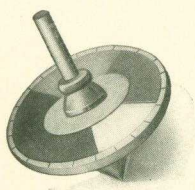
Bradley's Educational Coated Paper

A complete line of coated paper based on the Bradley standards.

Size of sheet, 20 x 24 inches, any color in sample book, each $0.04

211X	100 pieces, 4 x 4,	each, $0.20	Mailing wght	4	oz.
205X	" 5 x 5,	" .35	" "	5	"
217X	" 6 x 6,	" .40	" "	7	"
218X	" 8 x 8,	" .50	" "	12	"

8165 Sample Book containing all colors, 1 x 4, each, .05 Postage, $0.01



Bradley's Color Top

8109 This inexpensive device will be found to be of great help in color study in analysis.

Price each $0.05 Postage $0.01

Bradley's Color Wheels

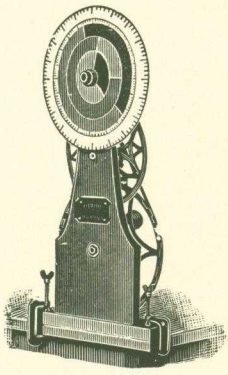
This device for the analysis and demonstration in the study of color is so well known that it is not necessary to go into any details.

8105 High School Color Wheel, with disks complete, $10.00

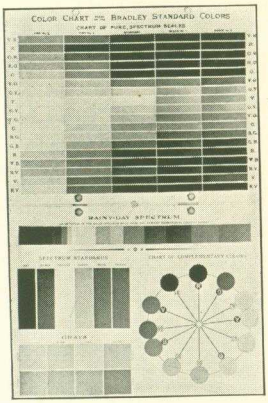
8106 Extra Disk for above, $2.00
Mailing weight 1lb. 15 oz.

8107 Primary Color Wheel, with disks complete, $3.00

8108 Extra Disk for above, $0.75
Mailing weight 6 oz.



High School



Standard Color Chart

8110 The Standard Color Chart for elementary color instruction is based on Bradley's Color Standards, comprising the pure spectrum scales, complementary colors, and grays. Size 22 x 28 inches, folded in center.

Price, each . $1.25
Mailing weight . 15 oz.

Glass Prisms

No. 2, Size 6 inches long,	each, $0.15	Postage,	$0.03
No. 3, " 8 " "	" .30	"	04

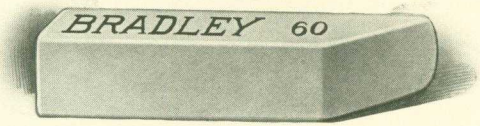
Sent at buyer's risk.

Artgum

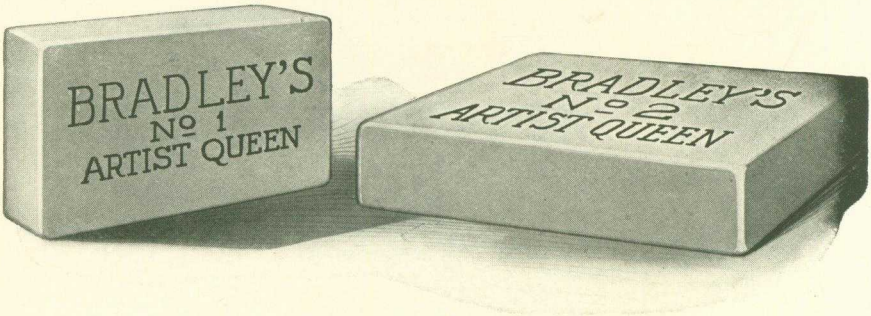
Removes pencil marks from books and papers without erasing anything that is written or printed in ink.

No. 1, 1⅛ x 1⅛ x 1⅛, per doz. $0.60
No. 2, 2¼ x 1⅛ x 1⅛, per doz. 1.00

Rubber Erasers



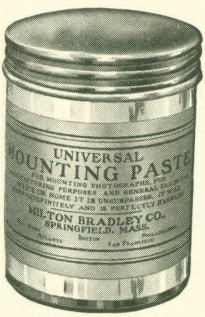
Bradley's Erasers, 60, 80 or 120 to lb., per lb. . . . $0.80



Artist Queen No. 1 **Artist Queen No. 2**

Bradley's Soft Red Rubber, 40 to the lb., per lb. . .	$1.75
Bradley's Artist Queen Velvet No. 1, size 1 x 1½ x ¼ per doz.	.50
Bradley's Artist Queen Velvet No. 2, size 2 x 1½ x ½ per doz.	1.00
Ink Erasers, large size 3¾ x $\frac{7}{16}$ x ⅝, per doz. . . .	.60
Ink Erasers, small, size 3 x ½ x ¼, per doz. . . .	.30
Kneaded Erasers for charcoal work, small, per doz. . .	.45
Kneaded Erasers for charcoal work, large, per doz. . .	.90

Universal Mounting Paste



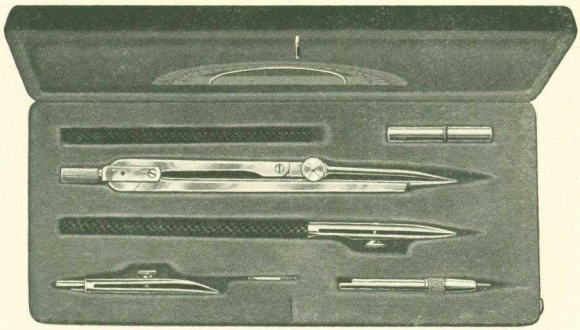
This is a pure white paste specially prepared for school use, with excellent adhesive qualities.

8168	Gallon Jars, each .	$1.50	Express	Extra	
8114	Quart Jars, " .	.60	"	"	
8115	Pint Jars, " .	.35	"	"	
8116	8-oz. Jars, " .	.20	"	"	
8117	6-oz. Jars, " .	.10	"	"	
				Mailing weight	
8118	4-oz. Tubes, " .	.10		5 oz.	
8119	2-oz. Tubes, " .	.05		3 oz.	
83A	Paste Brushes, wooden handle, per doz. .	.40		5 oz.	

Thumb Tacks

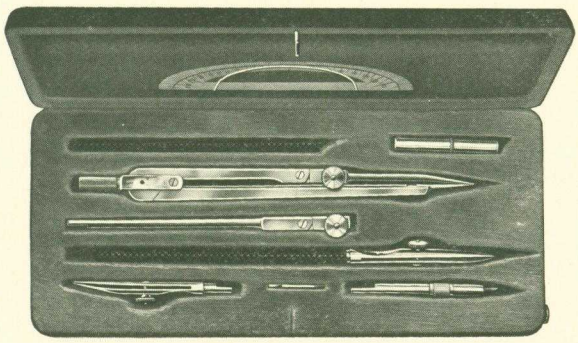
Common stamped,	1/4	inch, per gross	$0.40
Brass Heads,	3/8	" "	1.00
Brass Heads,	1/2	" "	1.10
Brass Heads,	5/8	" "	1.25

Drawing Instruments



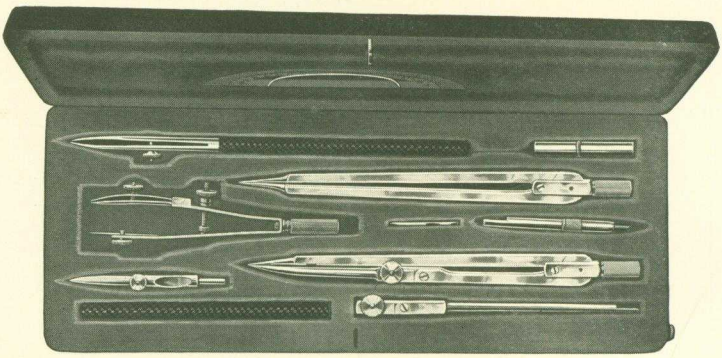
German Silver

SET A contains compasses, with handle $5\frac{3}{16}$ inch, with pen and pencil point, ruling pen 5 inches, box with leads. Price, each $1.00



German Silver

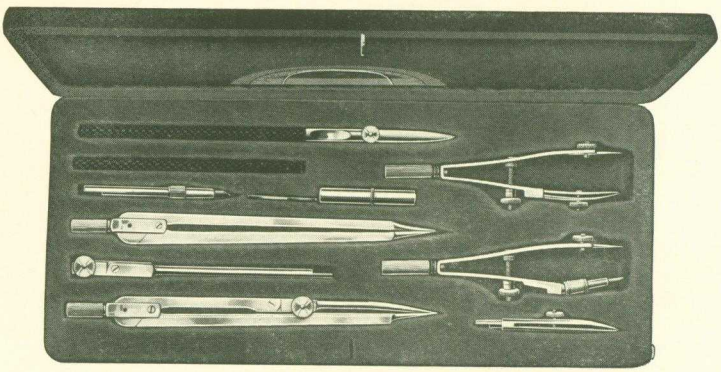
SET B contains compass with handle $5\frac{3}{16}$ inches, with fixed needle point, pen, pencil point and lengthening bar, ruling pen 5 inches, box with leads. Price, each $1.50



German Silver

SET C. Compasses $5\frac{3}{16}$ inches, fixed needle point, pen, pencil point and lengthening bar, dividers 5 inches, drawing pen 5 inches, box with leads, one spring bow pen, new attachment for compass leads.

Price, each $2.50

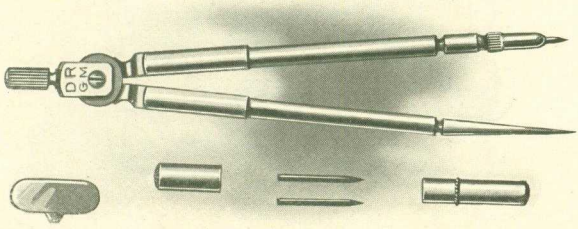


German Silver

SET D. Compasses $5\frac{3}{16}$ inches, fixed needle point, pen, pencil point and lengthening bar, dividers 5 inches, two spring bow pens with needle point drawing pen 5 inches, box of leads, new attachment for compass leads.

Price, each $3.00

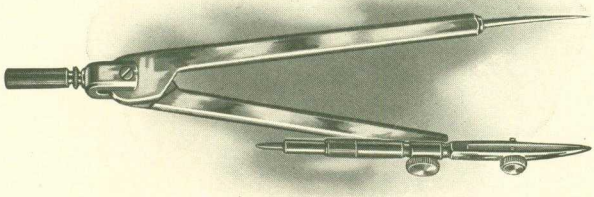
Bradley's School Compass



No. 1

For the first time we are able to offer a high grade instrument at a price within reach of all schools.

No. 1, as per above cut, per doz. $3.00

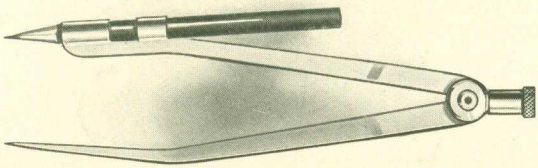


No. 2

No. 2, as per above cut, per doz. 4.00

(Ruling Pen Attachment)

Springfield School Compass



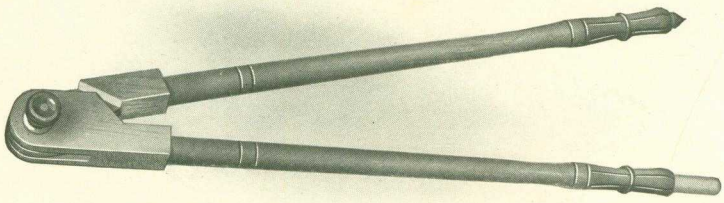
The above represents a practical instrument designed for school use. The construction of the joint is peculiar, having two annular wearing surfaces, milled from solid metal, and so accurately adjusted to each other that a perfectly smooth and uniform movement of the arms is insured for a long time without perceptible wear. There are two styles, No. 1 and No. 2, and the only difference is in the size of the pencil holder. No. 2 is for the usual school pencil, and No. 1 is for a small size pencil.

8074 No. 1 Price, each, $0.35. Mailing weight, 3 oz.
8075 No. 2 Price, each, .35. Mailing weight, 3 oz.

Compasses

Eagle Compass, No. 576, price each,	$0.15.	Postage, $0.02
Eagle Compass, No. 569, "	.25.	" .02
Excelsior Compass,	$1.25 per doz.	

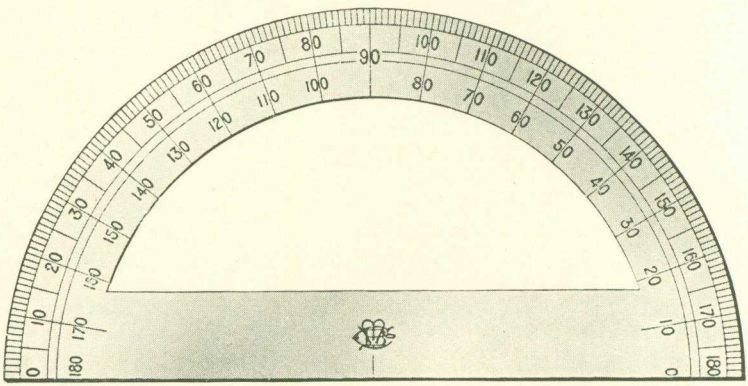
The Blackboard Compass



8076 Provided with patent adjustable crayon holders, and metal points so constructed that either part will hold a crayon or a point. Any teacher who has once used this help in blackboard drawing readily appreciates its advantages. In making mathematical demonstrations it is much more convenient and effective than the bits of chalk and string that were made to do service before this instrument was invented.

Price, each $0.50

Perfection Cardboard Protractor

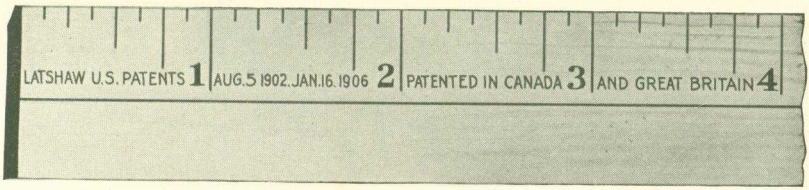


8077 The above illustration shows our Cardboard Protractor for primary grades, which is universally used with great satisfaction. This instrument is four inches in diameter, made of heavy cardboard and graded with a very accurately engraved die.

Price, per dozen $0.30

The Latshaw Patented Scale Rules

Patented in the United States, Canada and Great Britain.

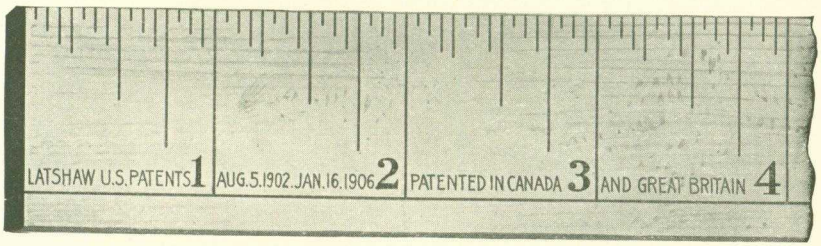


No. 14-8

No. 14 (whole inches)
No. 14-2 (half inches)
No. 14-4 (quarter inches)
No. 14-8 (eighth inches)
No. 14-6 (sixteenth inches)

Twelve inch varnished, hard wood rules, 7/8 x 1/8 inches and printed with half inch wide scale. Price, per gross $1.50

Packed in one-half gross boxes



No. 27-6

No. 27 (whole inches)
No. 27-2 (half inches)
No. 27-4 (quarter inches)
No. 27-8 (eighth inches)
No. 27-6 (sixteenth inches)

Twelve inch, varnished, hard wood rules, one inch wide. Price, per gross $2.75

Packed in one-half gross boxes

No. 27-6B A twelve-inch rule similar to No. 27-6, but made with brass edge. Price, per gross, . $5.00

The "Latshaw" is a superior school rule in every detail. It is made of good stock, nicely finished and plainly printed. The patented feature is the graduated divisions. Each of these principal graduations has a distinctive length, showing at a glance any fraction of an inch. This is a vast improvement over the old style of graduated scale, and can be obtained only on the Latshaw patented rules.

Twelve Inch Noiseless Fiber Rules

An inexpensive substitute for the wooden rule, noiseless, flexible, washable, with the markings on a flat surface, close to the paper.

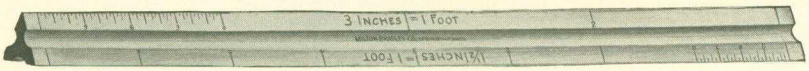
Nos. 27 (whole inches), 27-2 (half inches), 27-4 (quarter inches), 27-8 (eighth inches), 27-6 (sixteenth inches), are 12 x 1 1/8 inches and have scales one inch wide, similar to the illustrations above.

No. 6-0-6 N is scaled similar to No. 6-0-6 (metric and sixteenth scales).

Price, per gross $1.00

Packed in boxes of one gross

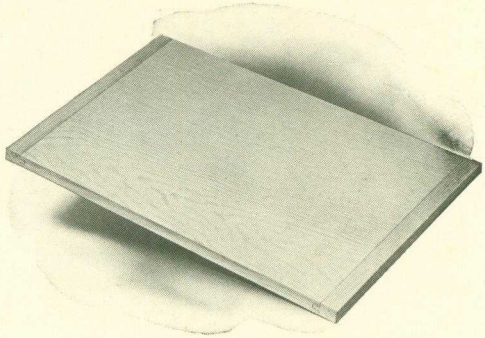
The Architect's Triangular Scale



8078 This scale is not only good enough for all educational purposes, but is practical for regular use of architects and draftsmen. It is finished with hard-rubbed shellac polish.

Price, each . . $0.25 Mailing weight 3 oz.

Bradley Drawing Board



Made of selected stock, battened ends, two drawing surfaces.

14 x 20	Each,	$0.60
18 x 24	"	.80

Other sizes made to order.

Springfield Industrial Drawing Kit

Patented

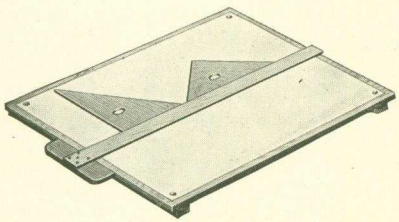


Figure 1

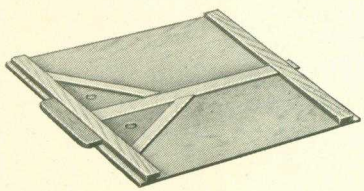
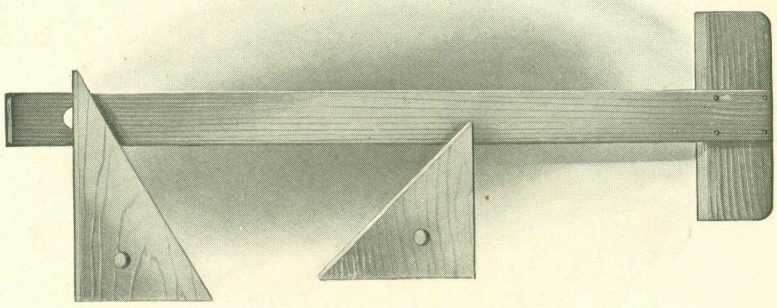


Figure 2

The Springfield Drawing Kit is too well known to need a detailed description here. Fig. 1 shows the top side when in use. Fig. 2 shows the back side with T Square and Triangles in place.

8071	No. 1	10 x 12	price each	$0.35
8072	No. 2	13 x 19	price each	.60
8073	No. 3	17 x 22	price each	1.00

T Squares and Triangles

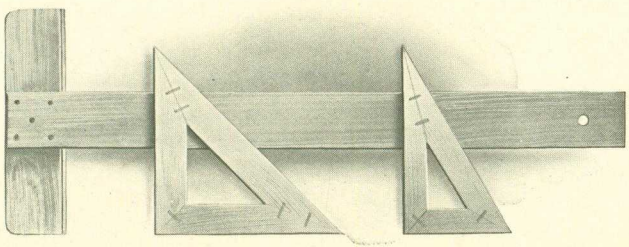


T Squares and Triangles Separate

T Squares	Price	Triangles	Price
No. 1, per dozen	$1.20	No. 1, per dozen pairs	$0.75
No. 2, per dozen	1.80	No. 2, per dozen pairs	1.50
No. 3, per dozen	3.00	No. 3, per dozen pairs	1.80

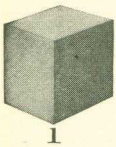
Postage extra on above

Open Frame Triangles and T Squares



Made accurately of a selected grade of hard wood.

Triangles		T Squares	
6″—45°	$0.15 each	21″	$0.25 each
7″—30°–60°	.15 "	24″	.30 "
8″—45°	.20 "		
9″—30°–60°	.20 "		


1

2

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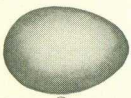
Bradley's Drawing Models

These models have been prepared with the closest attention to detail, insuring accuracy of proportion and beauty of form, and will be found invaluable for the teaching of drawing and form study. They are turned from clean, white wood, and the prices are within the reach of every school.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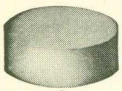
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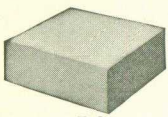
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Price List

Solids

No.		No. 2 Size.	Price, Each.	No. 4 Size.	
1	Cube,	2 in. face,	$0.05	4 in. face,	$0.40
2	Sphere,	2 in. diameter,	.05	4 in. diameter,	.60
3	Vase "D,"	2 x 3 in.,	.05	6 in. high,	.75
4	Square Pyramid,	2 x 4 in.,	.05	4 x 8 in.	.60
5	Vase "B,"	———		8 in. high,	.75
6	Cone,	2 x 4 in.,	.05	4 x 8 in.,	.60
7	Ellipsoid,	2 in.,	.05	4 x 6 in.,	.75
8	Ovoid,	2 in.,	.05	4 x 6 in.,	.75
9	Circular Plinth,	3 x 1 in.,	.05	2 x 6 in.,	.40
10	Square Plinth,	3 x 3 in.,	.05	2 x 6 in.,	.40
11	Oblate Spheroid,	1½ x 2½ in.,	.05	———	
12	Hemisphere,	2 in. diameter,	.05	4 in. diameter,	.50
13	Equi. Tri. Prism,	4 in. long,	.05	8 in. long,	.65
14	Cylinder, solid,	2 x 4 in.,	.05	4 x 8 in.,	.60
15	Hexagonal Prism,	2 x 4 in.,	.05	4 x 8 in.,	.65
16	R. A. Tri. Prism,	4 in. long,	.05	8 in. long,	.60
17	Octagonal Prism,	———		4 x 8 in.,	.65
18	Square Prism,	2 x 4 in.,	.05	4 x 8 in.,	.60

11

12

13

14

Tablets

No.		No. 1 Size.	Price, per Hundred.	No. 2 Size.	
A	Square,	1 in.,	$0.50	2 in.,	$1.00
B	Circle,	1 in.,	.50	2 in.,	1.00
C	Ellipse,	1 in.,	.50	2 in.,	1.00
D	Oblong,	1 in.,	.50	2 in.,	1.00
E	Oval,	1 in.,	.50	2 in.,	1.00
F	Equi. Triangle,	1 in.,	.50	2 in.,	1.00
G	Semi-circle,	1 in.,	.50	2 in.,	1.00

Expressage or postage additional on above models

15

16

17

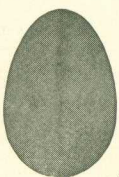
18

A

B

C

D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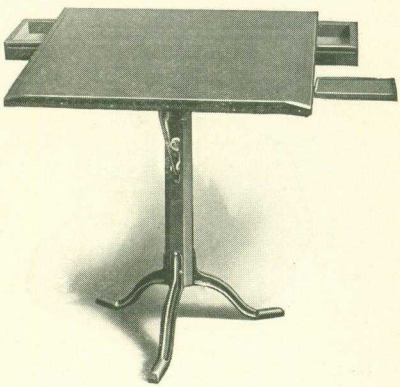
F

G

Bradley's Drawing Table



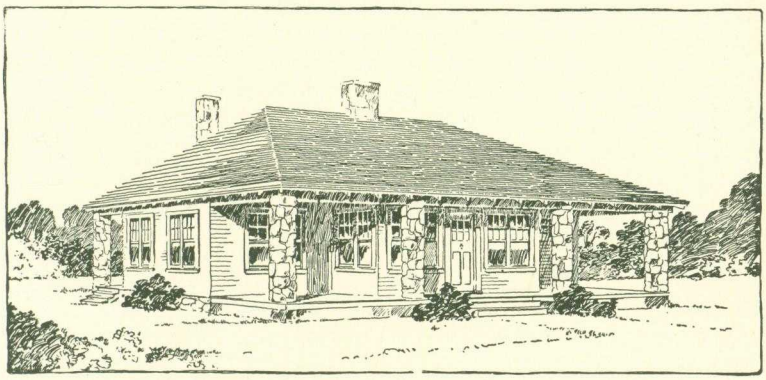
8120 Made with clean white-wood top. 22 x 30 inches, with battened ends and guard at front edge. Height, flat, 31 inches; tilted, the front edge of the table may be dropped to 27 inches. Equipped with drawer at each end, and sliding shelf which stands level when table is tilted and holds ink, pen, etc. within easy reach. The table folds compactly and takes up but small space when not in use. Weight 34 lbs.

Price, each, . . $6.00

PORTFOLIOS

How to Draw a Bungalow

By Percy A. Brigham, Instructor in Mechanical Drawing
Malden, Mass., High School



8090 A series of plates, size 9 x 12, presenting for the first time the complete idea of how a house is drawn and built.

Portfolio, price, each $0.50
Postage 05

Textile Designs

8088 Ten beautiful reproductions of historic masterpieces from the collection of the Boston Museum of Fine Arts.

Selected and edited by Theodore M. Dillaway
Director of Manual Arts
For use in teaching design in the Boston Public Schools.

Portfolio, size 9 x 12, per set . . . $0.50
Postage 05

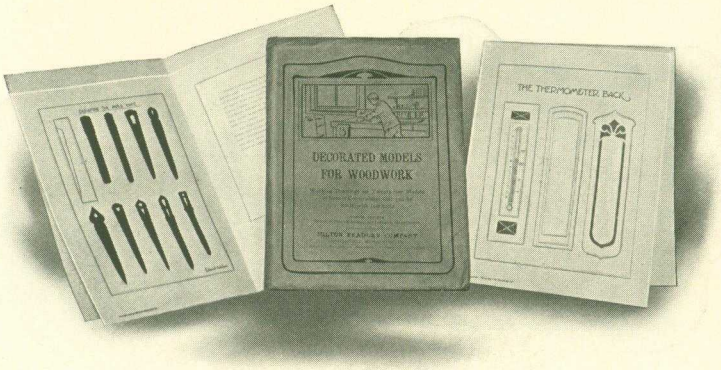
Floral Elements

Six plates by Arthur W. Scribner, Supervisor of Drawing, Lawrence, Mass.

8087 A series of charts on plant form showing details of buds, flowers, leaves, and seed vessels of wild and cultivated flowers. The details are drawn in naturalistic and conventional position with many original and novel modifications of the same. Each chart is complete in itself, showing all the details of blossom and foliage necessary for the designer's use. Many conventionalized units are shown on each chart as well as suggested arrangements.

Portfolio, size 8 x 10½, per set $0.25
Postage 05

Decorated Models for Woodwork



Working Drawings for Twenty-four Models of Simple Construction that can be made with few tools.

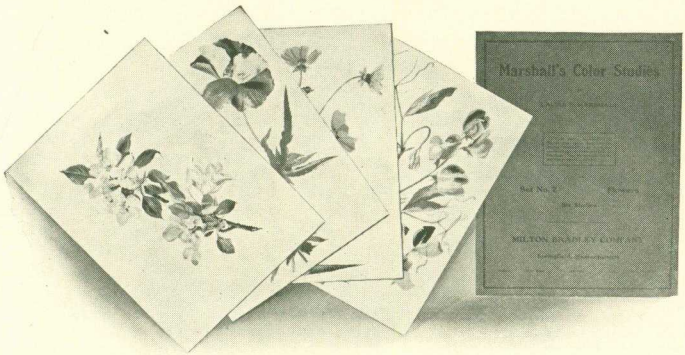
By Edmund Ketchum, Director of Drawing, Lexington and Belmont, Massachusetts.

8089 A series of fourteen folded plates, containing drawings and plans in detail for carrying out a given project in woodworking. Each project is a definite lesson, in which the constructive and applied design may be developed by the pupil at his bench, by the instructor in the shop with the entire class, or by the regular teacher in the classroom.

Portfolio, size 9 x 12, per set $0.50 Postage . . $0.08

Marshall's Color Studies

By Laura E. Marshall



These artistic reproductions of Studies from Nature are correct in drawing and true in coloring.

			Mailing wght.
8082	Set No. 1, 12 Studies—Flowers, Fruits, and Vegetables. Size 6 x 9. Price, per set,	$0.35	10 oz.
8083	Set No. 2, 6 Studies—Flowers,	.35	12 oz.
8084	Gray outlines for Set No. 1, per set,	.15	6 oz.
8084A	Gray outlines for Set No. 2, per set,	.15	4 oz.

Bradley's Graded Color Portfolios

By Kathryn Grace Dawson

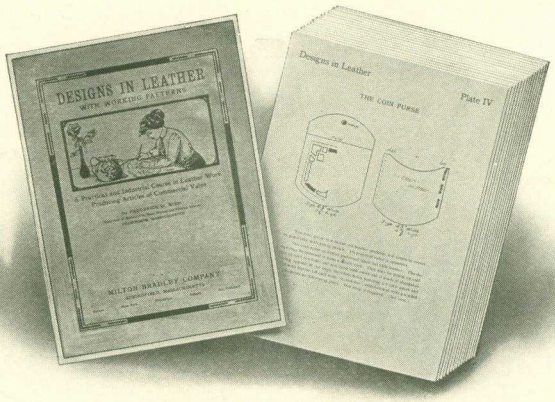
8079 PORTFOLIO No. 1 covers the first, second and third grades—medium used, colored crayons.
8080 PORTFOLIO No. 2 covers the fourth, fifth and sixth grades—medium used, Bradley's Standard Water Colors—B–1 Box.
8081 PORTFOLIO No. 3 covers the seventh and eighth grades—medium used, Bradley's Standard Water Colors—B–1 Box.

Price each, per set, Nos. 1, 2 and 3, . $0.35

Designs in Leather

With Working Patterns

By Frederick W. Ried, Supervisor of Manual Arts, Framingham, Mass.



8121 An artistic portfolio containing fifteen plates and complete patterns for making many practical articles with leather. The designs are not too difficult and show a pleasing individuality of style. Size of plates, 9 x 12 inches.

Price, per set, ... $0.50

Pencil Sketches of Native Trees

By Charles H. Woodbury

8086 Ten beautiful prints from hand-tooled plates, for pencil sketching, showing all the grays and their values, as well as the technique of this well-known artist.

Size of plates, 9 x 12 inches. Trees represented are the cedar, oak, elm, pitch pine, willow, apple, maple, white pine, etc.

Ten plates in portfolio.

Net, . . $0.50 Postage, . . $0.10

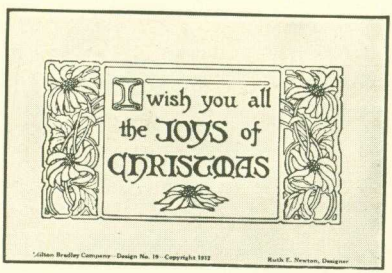
Studies in Landscape Design

By E. B. Jenkins

8085 Ten plates of simple and artistic designs which may be used equally well as suggestive outline for pen drawing or as patterns for landscape pictures in water color work.

Price, per set . . $0.25
Postage . . . $0.05

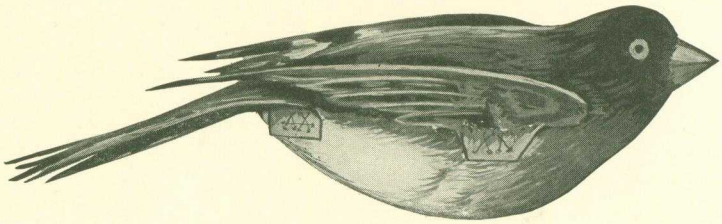
Designs for Illumination



A series of beautiful quotations embellished with decorations in outline to be filled in or illuminated with color. No more effective means could be devised than these artistic designs, to aid teachers in presenting the subject of color. Properly used, they help develop a true appreciation of color harmony, and impress upon the pupil a correct arrangement of color and typography. Write for descriptive price list or send 25 cents for seven assorted samples.

Birds for School and Home

Designed by Maud Adelaide Wright



A new and excellent hand work for primary and all other grades, consisting of ten plates 8½ x 11, bearing outline patterns of body, wings, and tail (ten different birds), to be cut out, sewed together, and colored, by the children. Thus the construction of each bird provides for three distinct occupations—cutting, sewing, and color work. When completed the bird has a most lifelike appearance.

FOUR SETS:

8091 SET 1, Spring Birds; 8092 SET 2, Early Summer Birds;
8093 SET 3, Summer Birds; 8094 SET 4, Winter Birds.

Send for descriptive circular.

Price, each set $0.25 Postage $0.12

Pose Drawings of Children

By Bess B. Cleaveland

8095 A set of brush and ink drawings consisting of ten sketches of boys and girls, suggesting things in which they are interested and giving ideas for simple, natural poses. They have been prepared with especial reference to school conditions and school work, and as a help to Supervisors of Drawing and to regular grade teachers in the absence of supervisors. As a help to a better conception of pose drawing on the part of both teacher and pupil, this set of sketches will be found invaluable. The drawings are simple and forceful in treatment, with as few details as possible, and large enough to be readily seen from all parts of the room.

Ten plates, in folder, per set $0.50 Postage $0.06

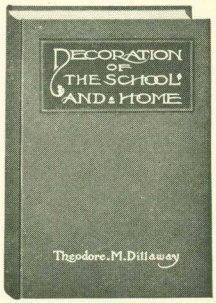
Brown's Famous Pictures

We carry a full line of these pictures in all sizes.
Send two cents for illustrated catalog.

Decoration of the School and Home

By Theodore M. Dillaway

Director of Art in Boston Public Schools, Profusely illustrated with colored plates and half-tone engravings.



The first part of this book reveals the importance of a beautiful school environment and suggests the solution of some of the most important problems in school decoration. The architecture of buildings, interior decoration and the school grounds are each subjects of complete chapters accompanied by many photographs of good and bad arrangement.

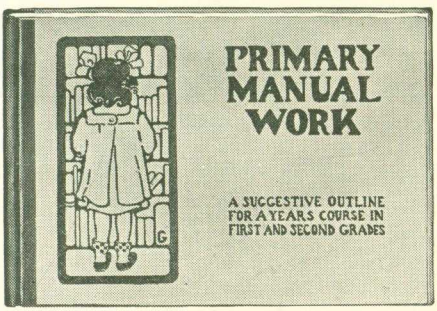
The second part deals with various successful experiments in teaching Home Decoration, and such considerations of design and color in home furnishing as will assist the teacher in developing the child's color judgment in the selection of furniture, wall paper, rugs, draperies, bric-a-brac, etc.

Cloth, Price $2.00

Primary Manual Work

A Suggestive Outline for a Year's Course in the First and Second Grades

By Mary F. Ledyard and Bertha H. Breckenfeld



This book provides for a practical plan or outline of manual work for lower grades so full and explicit that a teacher, although untrained in this line of work, may follow the plan with ease and profit.

This Outline has been placed in the hands of every first and second grade teacher in Los Angeles, and has met with universal approval and praise. This excellent work successfully bridges the gulf between the free life of the kindergarten and the more formally restricted activities of the first two years of the child's school life.

The book contains a wealth of suggestion, and is enriched with over three hundred drawings, while its skillful handling of content, its accuracy and clearness of description, entitle it to first place upon the primary teacher's book shelf; indeed, no teacher below third grade can afford to be without it. Cloth and boards.

Price $1.20
Postage 20

Constructive Work

For Schools without Special Equipment

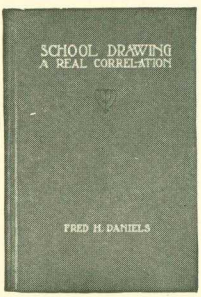
By C. Edward Newell

This book contains a series of projects arranged under three subdivisions, primary, intermediate and grammar, according to the months of the school year. None of these projects calls for more equipment than that found in the average schoolroom: pencil, paper, paste, ruler, compasses, scissors, colored crayons or water colors, occasionally augmented by a few twigs, a chip of wood, a corn cob, or a piece of cloth. This work should appeal to many schools anxious to attempt some progressive constructive work, but lacking funds for equipment. All the projects are the result of actual problems presented and worked out in schools without special equipment. Cloth.

Price $1.20

School Drawing: A Real Correlation

By Fred H. Daniels



This book gives to drawing a definite aim and purpose by making it a valuable accessory to other studies. It supplements the word teaching of history, geography, literature, nature study, etc., with drawing and constructive work in illustration of the subject lesson. Instead of haphazard designs, made simply for the sake of drawing, this book provides positive and definite problems, which, when worked out, present important parts of other studies, and a materialization of the designs made in the drawing period.

No other publication has ever adequately shown how drawing may be of vital service to the other school subjects; it is distinctly a new book.

"School Drawing" is mechanically a model of book making. It is beautifully printed in sepia on India tint paper, and bound in rich brown cloth stamped in two colors. It contains 156 pages, 73 of which are printed with half tone reproductions of the problems presented.

Cloth. Size 5¾ x 8½. Price $1.20

What and How

By H. O. Palen and Anna W. Henderson

A book that solves the "Busy Work" problem for the primary teacher. Profusely illustrated with many beautiful color plates. It contains definite and practical courses of elementary hand work in Stick-laying, Paper-folding, Free-hand Cutting, Clay-modelling, Weaving, Form and Color, and Cardboard Construction, with a chapter on making beautiful and useful things out of the materials used.

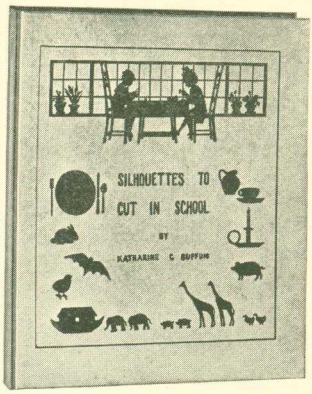
Cloth. Size 6½ x 9¼. Price, $2.00 postpaid.

Silhouettes to Cut in School

By Katherine G. Buffum

A unique book of simple paper cuttings representing characters and incidents of well-known stories. These suggestions for illustrating stories with which all children are familiar will give to paper cutting a vital and definite interest which will augment its effectness. The book contains over two hundred cuttings, with suggestive text for each, nicely printed on heavy plate paper.

Boards. Size $8\frac{3}{4}$ x $9\frac{3}{4}$
Price . . $0.75



Manual Art with the Scissors

By Mary L. Moran, R. I. State Critic

Contains numerous suggestions for free-hand cutting and mounting. A picture for every month in the school year, descriptive of the outdoor life of a child.

Cloth and boards. Size, $7\frac{1}{2}$ x 16. Price $0.75

Books for Manual Training and Industrial Art School Drawing

Arts and Crafts

Bookbinding Arts and Crafts for Beginners, Sanford	$1.50
Bookbinding, Hasluck	.50
Bookbinding and Care of Books, Cockerell	1.25
Copper Work, Rose	1.50
(Postage, $0.10)	
Home Handicraft Book	.85

Basketry, Reed and Raphia

Basket Maker, Turner	$0.75
Basket Making. How to do It, Morse	.25
How to Make Baskets, Mary White	1.00
More Baskets and How to Make Them, Mary White	1.00
How to Make Indian and Other Baskets, Geo. James	1.00
Industrial-Social Education, Baldwin	1.50
Practical and Artistic Basketry, Tinsley	1.00
Priscilla Basketry Book	.30
Raphia and Reed Weaving, Knapp	.50

Cardboard Construction and Paper Work

Busy Hands Construction Work, Bowker	$0.60
Cardboard Construction, Trybom	1.00
Constructive Work for Schools without Special Equipment, C. E. Newell	1.20
Constructive Work, Worst	1.00
Construction Work for Rural and Elementary Schools, McGaw	.60
Correlated Hand Work, Trybom	1.25
Educative Seat Work, Worst & Keith	.50
Hand Work, Hoxie	.50
Occupations for Little Fingers, Sage & Cooley	1.00
Paper Sloyd, Rich	.75
Primary Manual Work for First Grades, Ledyard & Breckenfeld	1.20

Color

A Class Book of Color, Maycock	$1.00
A Note on Color, Van Helden	.50
Bradley's Graded Color Portfolio No. 1	.35
Bradley's Graded Color Portfolio No. 2	.35
" " " " No. 3	.35
" " " Studies, 12 colored plates, Folio	.50
Drawing with Colored Crayons, Augsburg	.40
Elementary Color, Milton Bradley	.75
Marshall's Color Studies, Set No. 1, Folio	.35
" " " " No. 2 "	.35
" " " Outlines, Set	.15
Practical Color Work, Chace	.25
The Little Artist, MacKenzie	1.00
Water Colors in the School Room	.25

Design, Sketching and Lettering

Animal Drawing, Folio, H. W. Poor	$0.25
Blackboard Sketching, Frederick Whitney	.60
Book of Alphabets, Shaylor	.12
Class Room Practice in Design, Haney,	.50
Decorated Models for Woodwork, Ketchum	.50
Designs in Leather, Frederick W. Ried	.50
Elements of Design, Folio, H. W. Poor	.25
Examples in Pen and Ink Rendering, George H. Bartlett, in four parts, each	.25
Fine and Industrial Art for Elementary Schools, Sargent	.80
Floral Elements in Design, Folio, Scribner	.25
Freehand Alphabets, Folio, H. W. Poor	.25
Freehand Perspective, Folio, H. W. Poor	.25
Historic Ornament, Folio, H. W. Poor	.25
Magic Drawing, Folio, H. W. Poor	.25
Pencil Sketches of Native Trees, Folio, Charles H. Woodbury (Postage, $0.10)	.50
Pencil Sketching, Folio, H. W. Poor	.25
Pose Drawing, Folio, H. W. Poor	.25

Design, Sketching and Lettering—Continued

Pose Drawings of Children, B. B. Cleveland (Postage, $0.08)	$0.50
Principles of Design, Batchelder	3.00
School Drawing, Fred H. Daniels	1.20
Studies in Landscape Design, Folio, E. B. Jenkins (Postage, $0.05)	.25
Textile Designs, Folio, Dillaway	.50
Theory and Practice of Teaching Art, Arthur Dow	1.50
Trees in Pencil, Folio, H. W. Poor	.25
Units of Design, Folio, H. W. Poor	.25
Use of the Plant in Decorative Designs	
Pupil's Editions: For Grades	.35
For High School	.50
Teacher's Editions: For Grades	1.25
For High School	1.25

Household Arts—Cooking, Sewing

Elements of the Theory and Practice of Cooking, Williams & Fisher	$1.10
Handicraft for girls, McGlauflin,	1.00
Hand Sewing Lessons, Krolik	.60
Home and School Sewing (Teacher's Edition), Francis Patten	.75
School Needle Work (Teacher's Edition), Hapgood	.80
Scientific Sewing and Garment Cutting, Wakeman & Heller	.60

Mechanical and Architectural Drawing

Darrell's Object Drawing	$0.50
How to Draw a Bungalow, Architectural Drawings, Brigham	.50
Machine Drawing, Anthony	1.60
Mechanical Drawing, Anthony	1.60
Mechanical Drawing, Tracy (Introductory Course)	2.00
Notes on Mechanical Drawing, Mathewson	1.25
Simplified Mechanical Perspective, Frederick	.75

Sloyd and Manual Training

Advanced Projects in Woodwork, Griffith	$1.00
Box Furniture, How to Make 100 Useful Articles for Home, from Packing Boxes	1.60
Clay Modeling in the Schoolroom, Hildreth	.25
Correlated Course in Woodwork, Griffith	1.50
Educational Woodworking, Park	1.00
Elementary Sloyd and Whittling, Larsson	.75
Elementary Woodworking, Selden	1.00
Essentials of Wordworking, Griffith	1.00
Fifty Lessons in Woodworking, Upham	.50
Games, Seat Work and Sense Training, Holton	.40
How to Make Mission Furniture, Vol. I and Vol. II, each	.50
Industrial Work for Public Schools, Holton & Rollins	1.00
Manual Art with Scissors, M. L. Moran	.75

Sloyd and Manual Training—Continued

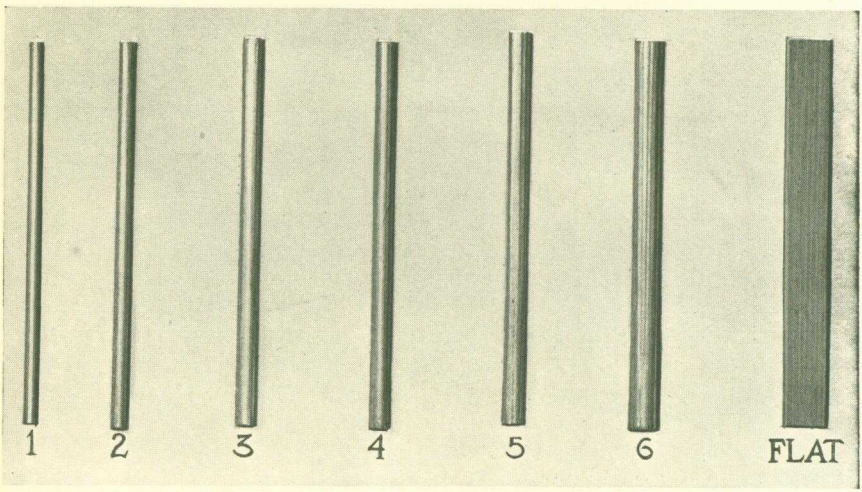
Manual Training Toys for the Boys' Workshop, Morse	$1.00
Paper and Scissors in School Room, Weaver	.25
Problems in Woodworking, Murray	.75
Problems in Furniture Making, Crawshaw	1.10
Projects for Beginning Woodwork, Griffith	.75
Seat Work and Industrial Occupation, Gilman Williams	.60
Sloyd for Three Upper Grammar Grades, Larsson	1.25
Story Telling with Scissors, Beckwith	.50
Way of the Clay	.20
What and How, Palen & Henderson	2.00
With Scissors and Paste	.25
Woodwork in Common Schools, Hinckley	1.00

Weaving, Loom and Cord Work

Hand Loom Weaving, Todd	1.00
Textile Designs, Folio, Dillaway	.50
Varied Occupations in String Work, Walker	1.25
Varied Occupations in Weaving, Walker	1.00

Materials for Basketry and Industrial Work

Reeds, Rattan and Cane



			Price		Mailing weight
Round Reed,	No. 1, fine	for baskets	$0.80	per lb. bdl.	20 oz.
" "	No. 2, medium	"	.65	" "	20 oz.
" "	No. 3, " coarse	"	.60	" "	20 oz.
" "	No. 4, coarse	"	.55	" "	20 oz.
" "	No. 5, coarser	"	.50	" "	20 oz.
" "	No. 6, coarsest	"	.40	" "	20 oz.
Flat "	$\frac{3}{16}$ in. wide,	" "	.40	" "	20 oz.
" "	$\frac{5}{16}$ in.	" " "	.40	" "	20 oz.

Tools for Basketry

	Price
Round Nose Pliers	$0.25
Flat " "	.25
Cutting " "	.40
Awl	.10
Set above, complete	.90

Basketry and Chair Caning

	Price	Mailing weight
Chair cane, fine, 1,000 feet in bundle	$0.70 per lb. bdl.	20 oz.
" " medium 1,000 feet in bundle	.65 " "	20 oz.
" " coarse, 1,000 feet in bundle	.75 " "	20 oz.
8148 Chair Caning Frames, 9 in. square, Maple with holes bored all around, ½ in. apart, each	.25	5 oz.
Basket Bottoms, White Wood, square or round, holes bored all around:		
3 in. each	$0.03	8 oz.
5 in. "	.05	
6 in. "	.06	8 oz.
8 in. "	.08	8 oz.
10 in. "	.10	8 oz.
12 in. "	.12	8 oz.
Diamond Wood Dyes, for Basketry, Brown, Red, Orange, Yellow, Green, Blue, Violet, Black	.10 per pkg.	2 oz.
Easy Dye, in tubes, 18 Colors	.15 per tube	5 oz.

Raphia, Straw, Rush, Etc.

	Price	Mailing weight
Raphia, Selected Stock, Natural Color	$0.20 per lb.	20 oz.
Raphia, Bleached	.50 "	20 oz.
Raphia, Colored, beautiful, artistic colors: Send for samples	.40 "	24 oz.
Raphia Frames, 5 inch circle with 3 inch circle cut out of center	$0.15 per doz.	5 oz.
" " 4½ in. long, 3¾ in. wide	.15 "	5 oz.
Oval Raphia Frames, 8185 Small oval, size 3½ x 4¼, 1 inch frame,	.20 per doz.	7 oz.
Oval Raphia Frames, 8186 Large oval, size $4\frac{1}{16}$ x $5\frac{1}{8}$, 1 inch frame,	.25 per doz.	8 oz.
Sweet Grass, plain	.50 per ½ lb. bdl.	15 oz.
Sweet Grass, braided, per bdl. of 25 yards	.35	4 oz.
Rush, Braided, ½ in. wide, Natural Green, 50 yds. in bdl.	.45	20 oz.
Straw, Braided, ½ in. wide, per bdl. of 60 yds.	.30	15 oz.
" " ½ in. " Colored Red or Green, per bdl. of 60 yds.	.30	15 oz.

Needles

Pack Needles, 4 in., per doz.	$0.15	3 oz.
Sail Needles, for sewing Raphia, Canvas, etc., per doz.	.30	2 oz.
Coarse Darners, No. 14 and 15, for sewing Raphia, per pkg.	.15	2 oz.
Loom Needles, Wood, per doz.	.60	8 oz.
Seine Needles, Wood, per doz.	1.50	5 oz.
Steel Weaving Needles, Blunt, per doz.	.60	3 oz.

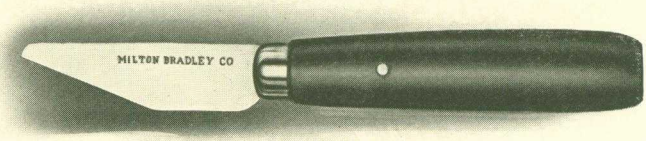
Materials for String Work

Seine Cord, No. 20, White, soft finish, per ball of ½ lb.	$0.20	10 oz.
Mesh Sticks, 1¼ wide, per doz.	.60	5 oz.
Macreme Cord, in soft colors, Red, Blue, Green, Brown, per ball (send for sample)	.10	3 oz.
Macreme Cord, White, ½ lb. balls, each	.30	10 oz.
Sea Island Twine, all colors	.05	3 oz.
Glass Beads for Stringing, per box	.10	6 oz.

Burlap for Stenciling, Sewing and Mounting

Colored, Red, Green and Brown, 36 in. wide, per yd.	$0.18
Above in bolts of approximately 45 yds.	.15
Natural Burlap, per yd.	.15

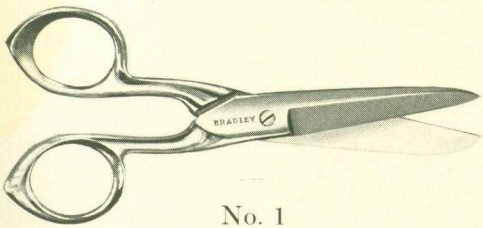
Stenciling Material



Stenciling Knife, 2⅛ inch blade, per doz.	$1.75	
Oil Board for making Patterns, sheets 20 x 24, each	.08	
Easy Dye, in tubes, 18 colors, per tube	.15	5 oz.
Liquid Colors, 10 colors, per set	1.25	
Stencil Brushes, No. 1, per doz., .50, No. 2, .55, No. 3 No. 4, .65, No. 5, .70, No. 6, .75.	.60	
Oil Colors in Tubes, any color, per tube	.10	

School Scissors

These scissors are manufactured expressly for our trade. They are made with a patented handle design of beautiful lines which fits the fingers easily and prevents cramping. Instead of the narrow "rim" of the ordinary scissors, this handle provides a wide, flat surface against which the child's fingers rest in a natural and comfortable position, giving him greater control, and making cutting much easier than with any other style of scissors. This handle is a feature protected by United States patents and confined exclusively to Bradley Scissors.



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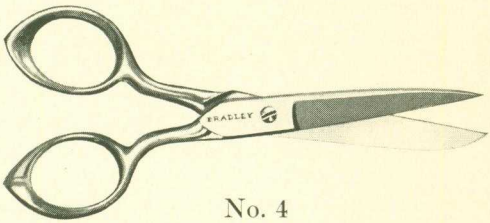

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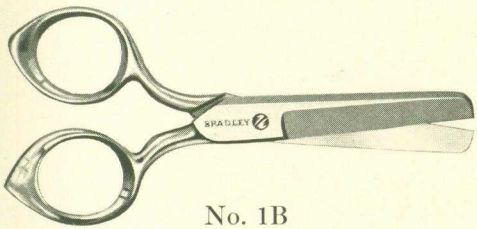

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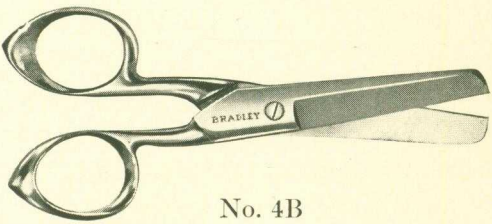

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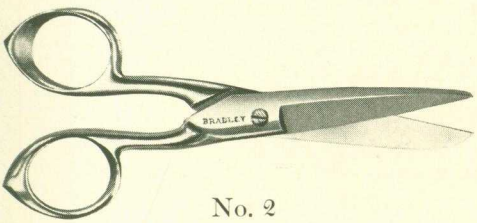

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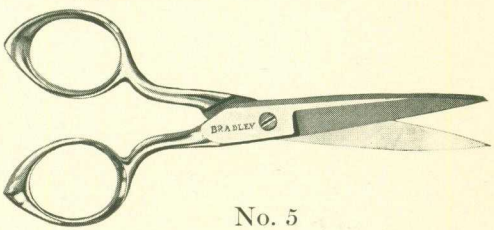


No. 5

		Price, per dozen	Mailing weight
1X	Black handled scissors, polished blades, blunt points, 4 inches long	$0.75	14 oz.
1	4½ inch nickel plated scissors, headed rivet, sharp points	1.50	15 oz.
1B	4½ inch nickel plated scissors, headed rivet, blunt points	1.50	15 oz.
2	4½ inch nickel plated scissors, headed rivet, sharp points, heavy construction	1.65	15 oz.
4	4½ inch nickel plated scissors, screw rivet, sharp points, heavy construction	1.75	15 oz.
4B	4½ inch nickel plated scissors, screw rivet, blunt points, heavy construction	1.75	15 oz.
5	5 inch nickel plated scissors, screw rivet, sharp points	1.75	16 oz.

Waldcraft Dyes

For—1. Stick Printing.
2. Block Printing.
3. Stenciling.

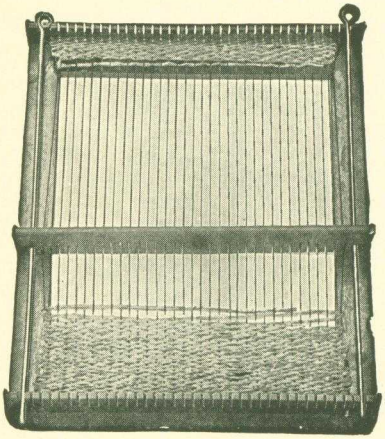
Colors: Yellow, orange, red, brown, olive green, reseda green, Japanese blue, black.

The Waldcraft Dyes are put up in liquid form, ready for use; the methods of application are new; they have the merits of being easy and rapid to use, economical in time and materials, satisfactory in results; they not only supply a long felt need, but they have created new problems in the teaching of design.

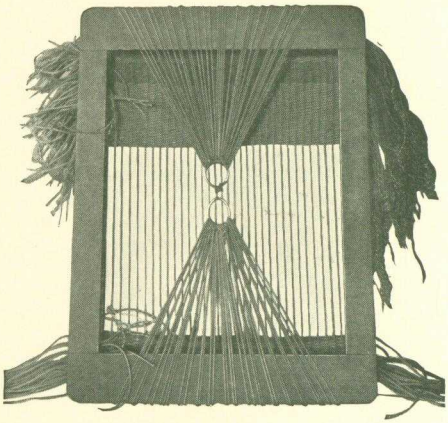
Put up in two ounce bottle Each, $0.15 Per Dozen, $1.80

Send for Special Booklet on "The Waldcraft Way."

Looms and Materials for Weaving



The Tyndall Loom, Patented

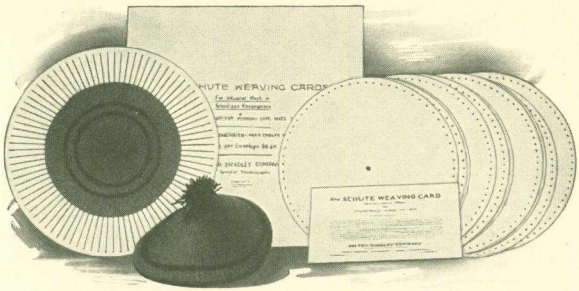


For Making Hammocks
(No extra attachment required)

8025 The Tyndall Loom, practical and economical. Veneered stock, locked corners, size 13 in. each $0.35
(Mailing weight 18 oz.)

The Todd Adjustable Loom, Perfection, size 10 x 12 . . .30
" " A1, size 10 x 12 . . .20
The Faribault with Hammock Attachment 40
Loom Needles, per doz. 60

Schute Weaving Disks



A simple device for weaving mats, caps, etc.; excellent manual training for Primary grades. The woof threads are attached to a pasteboard disk, and the warp woven in with a bodkin.

Three sizes:	Price	Mailing weight
8020 Four inch disk, per envelope, 12 disks	$0.15	4 oz.
8021 Six inch disk, per envelope, 12 disks	.25	7 oz.
8022 Twelve inch disk, per envelope, 12 disks	.40	2 lb.

Toy Knitters

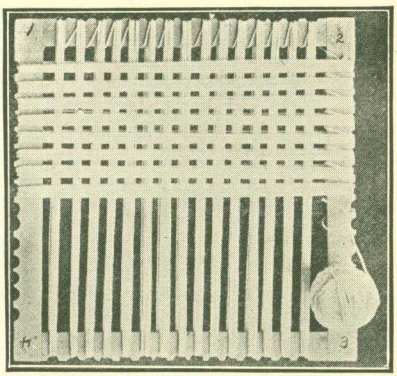
4312 Toy Knitters for Children, per doz. $0.50

The Bartholomew Mat Frame

A scheme of knotting and tying, making useful articles, each 25c.

Send for special circular

Soft Knitting Cotton to use with this frame, per ball 5c.



Weaving Yarns, Etc.

Germantown Wool, all colors, per hank	$0.10
Rug Yarns, various colors (send for sample), per lb. . .	.60

Send for samples of colors of Yarns and Wools

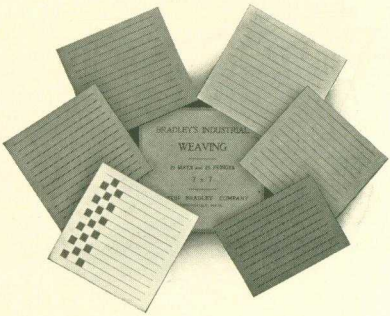
Colored Jute, 8 colors, one lb. spools	.30
Rug Yarn, large assortment of colors, per lb. . . .	.60
Cotton Warp, various colors, ½ lb. tubes, per tube . .	.20
Jute, Gray, one lb. spools	.25
Hammock Rings, Brass, ½ in., ¾ in., 1 in., per gross .	.50

Cotton Roving for Loom Weaving

We carry a line of Colored Cotton Roving in following colors: Light Brown, Dark Brown, Yellow, Green, Black, Gray, White, Red, Dark Blue, and Light Blue. It is soft and pliable and works up perfectly on the loom, . . Price, $0.45 Mailing weight

Oil Cloth Weaving Mats, per doz. . . .	.50	4 oz.
Slats for Weaving, No. 413, per pack . .	.25	5 oz.

Industrial Weaving

For Manual Work in Lower Grades

Made from Bradley's Tinted Construction Paper, this new weaving is strong and durable and of artistic color and texture. The paper is heavy enough to be easily woven without the use of a needle. The mats are ready cut, but the fringes are solid, with printed lines indicating the weft strips to be cut out by the children.

No. 1235 25 gray mats, 25 fringes, assorted, in a package.
Price . . $0.25 Mailing weight . 11 oz.

No. 1236 25 brown mats, 25 fringes, bright colors.
Price . . $0.25 Mailing weight . 11 oz.

Paper Weaving

		Mailing weight
Kindergarten Weaving, 12 complete mats to pack, 7 x 7, per pack	$0.15	3 oz.
Kindergarten Weaving, 12 complete mats to pack, 7 x 5, per pack	.15	3 oz.
Kindergarten Weaving, 12 complete mats to pack, 4¾ sq., per pack	.10	3 oz.

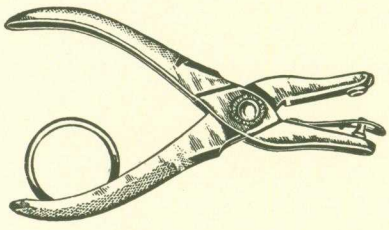
Cardboards

	Price
Melton Mount 10 Ply, Browns, Greens and Grays, Size 22 x 28, each	$0.10
Above, cut 8½ x 11, per dozen pieces	.20
Springfield Bristol Board, various tints, size 22 x 28, each .	.05
Egg Shell Art Board, pebbled surface, artistic tints, 22 x 28, each	.10
Oak Tag or Manilla Board, 22 x 28, each . . .	.02
" " " " size 9 x 12, 100 in pkg. . .	.30

Material for Art Design Work

Tilo Matting, coarse, 36 in. wide, per yd.	$0.60
Embroidery, fine, 24 in. wide, per yd.	.60
Quaker Yarns, small skeins in box (mercerized), per box	.75
Tilo Matting Frames, sizes 5½ x 8½, 6 x 6, 6 x 9, per 100	.50
Squared Paper, White, ¼ in., ½ in., 1 in., 17 x 22, per sheet	.02
" " Manilla, 9 x 12, No. 4, ½ in. sq., per ream	1.00
" " " 9 x 12, No. 3, ¼ in. sq., "	1.00
Aida Canvas, or Scrim Cloth, 42 in. wide, No. 2055, cotton, per yd.	.60
" " " " " " No. 6926, linen, "	.75
Cardboard Modeling Paper, 18 x 24, per sheet	.04
Monks Cloth, Red, Green and Gray, per yd.	.60

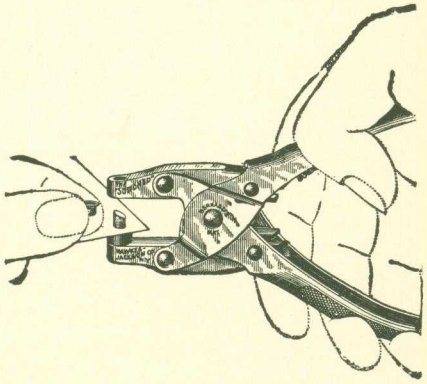
Conductor's Punch



25 Conductor's Nickel Plated Punch, round die, each . . $0.25

Solidhed Eyelet Punch

Solidhed Eyelet Punch, each $1.00
Eyelets, 250 in box,
per doz. boxes 1.20



Adhezo

Here is something new and different in adhesives. It is a thick, sticky preparation, clean to use, quick to dry, and with unusual sticking qualities. It spreads with a transparent clearness, and is strong enough for work in bookbinding, yet light enough for everyday work in the school room or home, as the mounting of drawings, photographs, or more delicate work requiring an adhesive that drys smoothly and sticks tight. A trial will convince anyone of the exceptional merits of Adhezo as an adhesive that meets perfectly all special and general requirements.

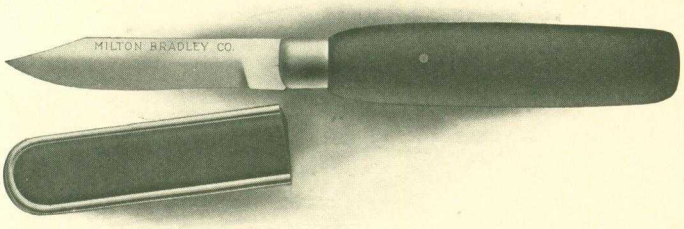
PRICE LIST

8122	Adhezo,	4 ounce tubes,	. .	each	$0.10,
		Mailing weight 5 oz.			
8123	"	8 "	jars . . .	"	.25, Express extra
8124	"	Pint	" . . .	"	.40, Express extra
8125	"	Quart	" . . .	"	.75, Express extra
8126	"	Gallon	" . . .	"	2.00, Express extra

Book Binding Supplies

Vellum de Luxe, Linen, 38 in. wide, per yd. . . .	$0.20
" " 40 yd. rolls, per yd.	.16
News or Straw Board, 26 x 38, Nos. 40, 50, 60, 80 sheets to bundle, per bdl.	1.50
Lining Paper Marbleized, Browns and Greens, per quire .	.35
White Cotton Tape, 3/8 in. wide, per roll	.05
Paste Brushes, 1 in. wide, long flat handle, per doz. . .	.35
Bull's Eye Paper (20 colors), 24 x 36, per sheet . . .	.02
Universal Paste, gallon stone jars, per jar	1.50
Adhezo, gallon cans	2.00

Knives for Woodwork



	Price
Bradley's Sloyd, 2½ in. blade, per doz.	$3.50
Chip or Carving Knives, per doz.	3.00

Basswood Boards

8130	Best Grade Selected Bass wood, 4 ft. x 9 in. x ¼ in., per 100	$20.00
8131	" " " 4 ft. x 9 in. x ⅛ in., "	20.00
8132	" " " 4 ft. x 9 in. x $\frac{3}{16}$ in., "	20.00
8133	" " " 4 ft. x 9 in. x ½ in., "	30.00

Basswood in Sizes for Knife Work

8135	Best Grade Selected Bass wood, 9 in. x 4 in. x $\frac{3}{16}$ in., per 100	$1.75
8136	" " " 9 in. x 4 in. x ⅛ in., "	1.75
8137	" " " 9 in. x 4 in. x ¼ in., "	1.75
8138	" " " 9 in. x 4 in. x ½ in., "	3.25
8139	" " " 7 in. x 4 in. x $\frac{3}{16}$ in., "	2.00
8140	" " " 7 in. x 4 in. x ¼ in., "	2.00
8141	" " " 7 in. x 4 in. x ⅛ in., "	1.75

In less quantities than 100 pieces add 20% to above prices

Venetian Iron Work

Venetian Iron, $\frac{3}{16}$ inch wide, per roll of 50 feet	$0.25
" " ¼ " " " " "	.25
" " ⅝ " " " " "	.25
Binders for any of above sizes, per 100	.10
"All About Venetian Iron Work," Smith, per copy	.25

Clay Modeling Materials

Wooden Modeling Tools and Boards

454 1 dozen Modeling Tools $0.25
(Postage $0.03)
455 1 " boards, No. 1, 7 x 9, No. 2, 9 x 12 . . . 1.50
456 1 brick of 5 lbs. artists' clay, price, ...25
457 1 box of 5 lbs. Clay-Flour 25
457A 1 box of 100 lbs. 4.00

Plasticine, six colors:

456D Red 456E Gray 456F Dark Yellow
456G Green 456H Blue 456W White

Mailing weight, 18 oz., price, per lb. 35

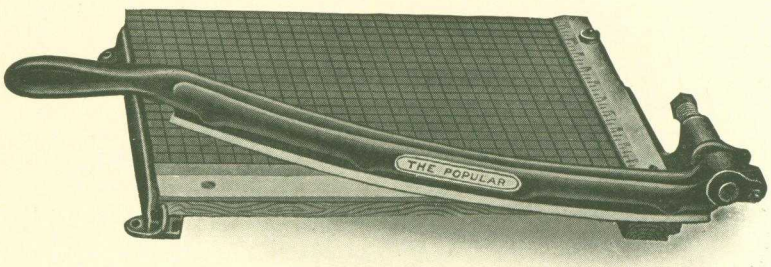
Composite Clay, three colors:

456A Terra Cotta, per lb., net, ...25
456B Green Gray, per lb., net, ...25
456C Brown, per lb., net, ...25

Mailing weight, 18 oz.

Plain White Oil Cloth, 1 yd. wide, per yd. 30

Card Cutters



For cutting paper, drawings, etc. Cut a sheet of tissue or heavy cardboard with ease and accuracy

No. 4362 The Monarch, 12 inch blade . . Price, $4.00
No. 4272 The Popular, 15 " " . . " 7.25
No. 4619 The Crown, 15 " " . . " 10.00
No. 4620 The Imperial, 18 " " . . " 13.00

The Monarch, Crown and Imperial are made with our "self-lifting" blade.

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